University of Illinois Materials Research Lab (MRL) July 2019



Important Dates and Reminders

IMPORTANT DATES:

ZEISS ZEN Blue Workshop

- July 9th & 10th at IGB
- Free but MUST register
- Register here !!!

AVS Prairie Chapter Meeting

- September 5th
- Details to come

DAILY REMINDERS

- Use buddy system when working in labs
- Do not leave labs unlocked
- Be aware of your surroundings
- Remove lab PPE before leaving lab spaces. PPE is not allowed in public areas

Safety Newsletter

This month topic are summer lab attire and new DRS waste tags.

Proper Lab Attire

Appropriate laboratory clothing provides the basic protection against skin exposure in a lab environment. It is important to wear the appropriate clothing in the lab at all times, even during the hot summer months. We have had too many proper lab attire violations in recent weeks.

If you are going to be coming to the lab in shorts or sandals, you **MUST** bring long pants and appropriate shoes to change into before entering the lab.

Lab users MUST always wear footwear that completely covers the feet. Sandals and open/holed shoes are not allowed. Lab users MUST be wearing clothing that covers the legs should always be worn in a laboratory. Loose clothing and long hair should be confined. Loose clothing and long hair could easily come in contact with chemicals, catch on fire, or even become caught in machinery.

In addition to the appropriate laboratory attire, basic personal protective equipment (PPE) must be worn. Basic PPE is considered to be lab coats, safety glasses, and gloves. These should be worn in the laboratory when there is a potential for exposure to hazards. Additional PPE that may be required for certain procedures include a face shield, apron, acid smock, or shoe covers.

The PI/laboratory supervisor shall determine which PPE is required to protect laboratory personnel from the hazards they are exposed to and provide such equipment without cost to the personnel. It is important to review the safety data sheets (SDS) before working with chemicals to know what PPE is required while handling it.

All protective clothing should be removed and left in the laboratory before entering non-lab areas. All protective clothing is either disposed of by the lab or laundered, it should never be taken home by personnel.





Useful Contacts

MRL Safety Committee safety@mrl.illinois.edu

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www.fs.illinois.edu/services/safetyand-compliance

New DRS Waste Tags

State and federal rules about labeling hazardous waste containers have changed. The Division of Research Safety has developed container tags that satisfy the new rules. The new tags are <u>not</u> required for excess, unused chemicals, because the manufacturer's labels already meet the requirements.

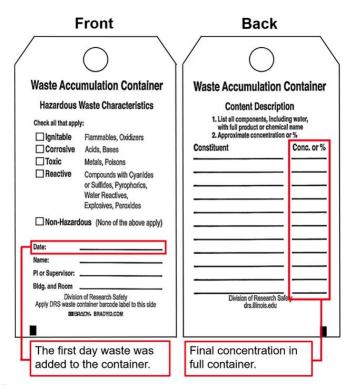
There are three ways to obtain the waste tags

- (1) Pick up pre-printed tags in campus storerooms.
- (2) Download a fillable pdf version from the **DRS web site**.
- (3) Request delivery through campus mail by emailing drs@illinois.edu.

*Maisie Kingren, MRL Safety Engineer, will also have tags on hand if the MRL storeroom runs out.

Instructions:

- 1. Fill out the front of the tag using Safety Data Sheets as a guide for the hazardous waste characteristics.
- Attach the waste label to the container with wire or tape. If you print your tag, you may tape it to the side of the container if space is sufficient.
- 3. Once waste enters the container, a date must be written on the front side of the tag.
- 4. Update contents of container as waste is added (even water).
- 5. When full, indicate the final concentration of each constituent in the container on the back side of the tag.
- 6. Submit the waste container for DRS pickup following the instructions found here.
- 7. Attach DRS waste container barcode label to the front side of the tag.



Exceptions:

- 1. Reagent bottles containing any amount of the original chemical do not need this tag.
- 2. Solvent jerricans approved to be used in the RAL jerrican program do not need this tag.